BRUHATH BANGALORE MAHANAGARA PALIKE

DASARHALLI ZONE

DIVISION:- DASARAHALLI DIVISION

NAME OF WORK:- Maintenance and repairs of UGD and Desilting of drains in Silt and Tractors in Ward No.12 Shettyhalli, Shettyhalli Sub Divison. (For Six Months)

Estimated Cost:- 60.00 Lakhs

P code:- P1771

Estimated Cost:- 012-20-000122

BRUHAT BANGALORE MAHANAGARA PALIKE

Dasarahalli Zone

Name of work :- Maintenance and repairs of UGD and Desilting of drains in Silt and Tractors in Ward No.12 Shettyhalli, Shettyhalli Sub Divison.

mated Cost : Rs 60.00 Lakhs		P code- P1771				Job No :		
Particulars of item	**Unit**	**No**	**L**	**B**	**D**	**Qty**	**Rate**	**Amount**
KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (Page No. 143 / Item No. 19.2, PWD SR 2018-19)								
Replacing UGD at AGB Layout	**Cum**	1.00	400.00	1.00	1.90	**760.00**		
Extension of UGD at Abbigere Village		1.00	188.00	1.00	2.00	**376.00**		
Replacing damaged lines		22.00	20.00	1.00	1.80	**792.00**		
Manholes		44.00	0.79	2.25	2.00	**156.42**		
						2084.42	189.74	**395498.00**
Basic Rate	179.00							
Add A.W 6%	10.74							
Total	**189.74**							
KSRB 12-1.4 : Providing and laying in position to required level or slope 230mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints.including cost of materials, labour charges complete as per specifications. Specification No. KBS 12.2.5 / 12.7 (Page No. 72/ Item No. 11.4, PWD SR 2018-19)								
Replacing UGD at AGB Layout	**Mtr**	1.00	400.00			**400.00**		
Extension of UGD at Abbigere Village		1.00	188.00			**188.00**		
Replacing damaged lines		22.00	20.00			**440.00**		
						1028.00	568.16	**584068.00**
Basic Rate	536.00							
Add A.W 6%	32.16							
Total	**568.16**							
Providing and laying in position **plain cement concrete M7.5 40mm** and down size graded granite metal, machine mixed concrete laid in layers not exceeding 15 cms thick, well compacted, for 230mm internal diameter stoneware pipes including cost of materials, labour charges, HOM of machinery, curing complete as per specifications(P 70 It 11.13, PWD SR 2018-19)								
Replacing UGD at AGB Layout	**Mtr**	1.00	400.00			**400.00**		
Extension of UGD at Abbigere Village		1.00	188.00			**188.00**		
Replacing damaged lines		22.00	20.00			**440.00**		
						1028.00	518.34	**532854.00**
Basic Rate	489.00							

Add A.W 6%	29.34							
Total	**518.34**							
KSRB 12-5.2 : **Constructing brick masonry circular type manhole** 0.91m internal dia at **bottom,1.67m deep** and 0.56m dia at top with table moulded non-modular bricks of 50 class designation 50 in cement mortar 1:4, inside cement plastered 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and downsize granite metal and making necessary channel in cement concrete M 50 with 20mm and downsize granite metal finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diametre confirming IS :12592, total weight cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4, 20mm and downsize broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately) Specification No. KBS 12.4 **(P No 72 It No 11.38, PWD SR 2018-19)**									
	Nos	10				**10**	25741.04	**257410.00**
Basic Rate	**24284.00**							
Add A.W 6%	1457.04							
Total	**25741.04**							
KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (Page No. 6 / Item No. 2.11 of PWD SR 2018-19)								
	Cum	Qnty as per it 1				**2084.42**	128.26	**267348.00**
Basic Rate	121.00							
Add A.W 6%	7.26							
Total	**128.26**							
Supply of the ~~50~~ 40 HP Tractor on daily rate basis to the required place as per the direction of the Engineer in charge (PWD SR 2018-19, P-XLVIII, It.No.20)								
	Nos	Month	Day					
	2	12	23			552.00	1288	710976
						552.00	~~2129.00~~	**1175208.00**
Supply of the Labour Heavy Mazdoor to the required place as per the direction of the Engineer in charge (Page No LVI, Item No.5) PWD SR 2018-19								
	Month	Day	Labour					
	12	23	10			2760.00		
						2760.00	**446.20**	**1231512.00**

J.C.B. Excavator on hire basis including JCB Operator with Helper to carryout the works on emergency as per the direction of Engineer-in-charge of the work (PWD SR 2018-19, P-XLVIII, It.No.23)								
	Nos	Month	Day					
	1	12	10			120.00		
						120.00	5695.00	683400.00
								4663066
						Sub Total		5127298.00
Tender Premium 5%								256364.90
Add GST @ 12%								615276.00
Miscellaneous and unforeseen charges							L.S	1061.10
						Grand Total		6000000.00
(Rupees Sixty Lakhs Only)								

CERTIFICATE

Certified that The work spot has been inspected by me and the work is necessary & site condition

Certified that the work is not split

Certified that the estimate is based on PW,P&IWTD Bangalore Circle SR of ~~2016~~-18-19

Certified that Adeqate & necessary provisions have made in the estimate.

Certified that the above area comes under BBMP limit

Asst Engineer
Ward-12

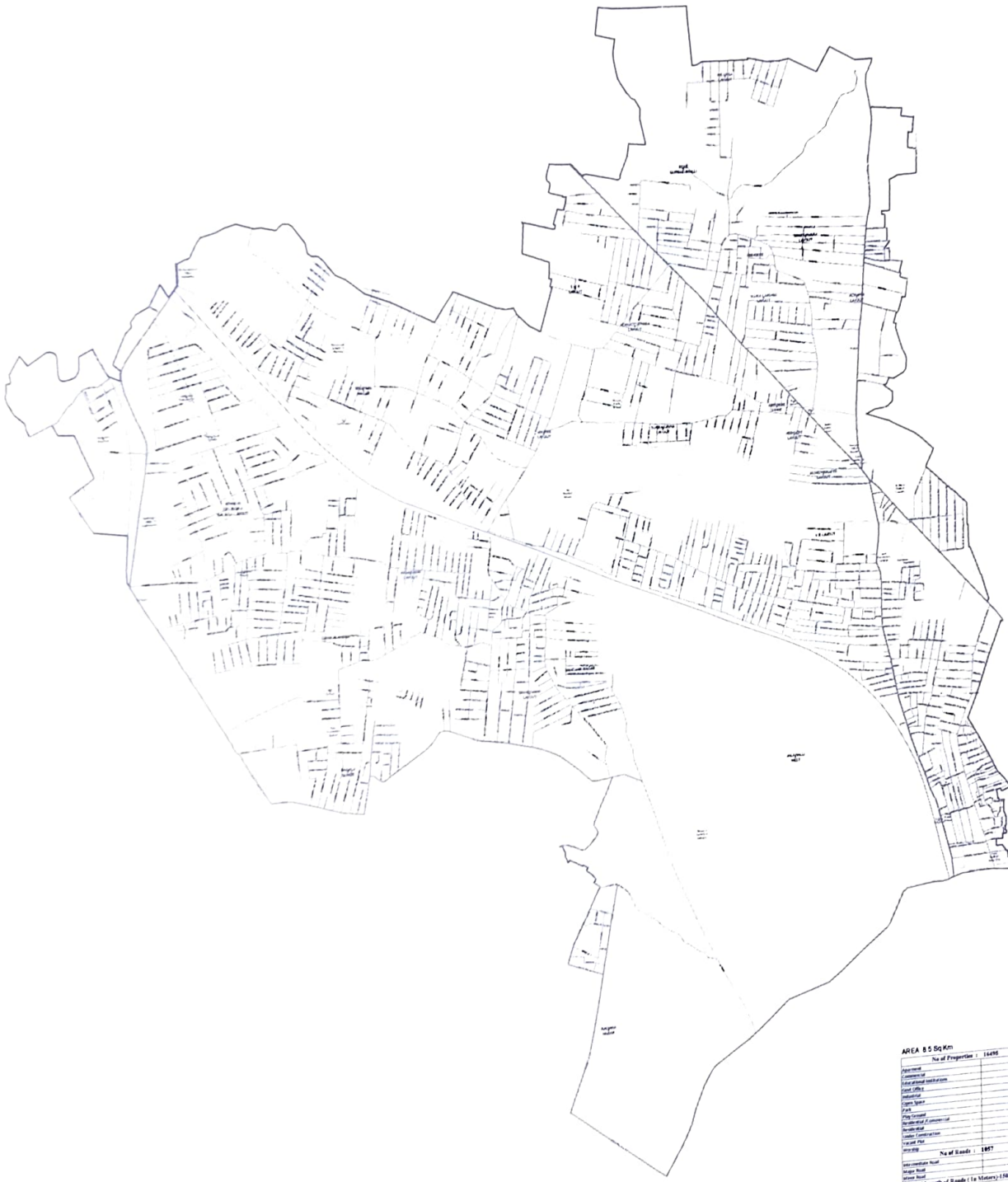
Assistant Executive Engineer
Shettyhalli Sub Division

Executive Engineer
Dasharahalli Division

ADMINISTRATIVELY SANCTIONED FOR
(Rupees 60,0000/-
(Sixty lakhs only)
Under the Head of Account P-1771
Registered as no EE/D D/AS 06 Subject to conditions contained in Enclosed Memo No. 06 /2021-22 Dt. 05.05.21
JE/AE (DASARAHALLI)

Technically Sanctione for Rs 51.27 lakhs/-
Rs. In words Rs. Fifty one lakhs Thirty seven thand Two Hundred & Ninety eight
Under P-1771
Job Code No. 012-20-000122
Registered as CE No. 12/2021-22 Subject to conditions contained in Enclosed Memo No. CE/DA/TS/12/2021-22 Dt. 05/07/2021
AE/JE TA CE/EE

ASARAHALLI ZONE
ARD 12-SHETTIHALLI



AREA 8.5 Sq.Km

No of Properties : 16496	
Apartment	10
Commercial	80
Educational Institutions	2
Govt Office	17
Industrial	10.75
Open Space	3
Park	11.7
Play Ground	30.8
Residential / Commercial	67.75
Residential	4134
Under Construction	2441
Vacant Plot	34
Worship	12
No of Roads : 1957	
Intermediate Road	22
Major Road	103.5
Minor Road	1831
Total Length of Roads (In Meters) 158656.97	
Intermediate Road	3814.75
Major Road	9641.97
Minor Road	145000.25

Legend

- Major Road
- Intermediate Road
- Minor Road